

**REMARKS**

Claims 1-20 are pending in this application. By this Supplemental Amendment, claims 1, 11, 12 and 15-20 are amended. No new matter is added.

Applicants appreciate the courtesies shown to Applicants' representative by Examiners Lee and Razavi in the July 7 personal interview. Applicants' separate record of the substance of the interview is incorporated into the following remarks.

**I. Rejection of Claims 1-6, 9, 10 and 13-20 Under 35 U.S.C. §103(a)**

The Office Action rejects claims 1-6, 9, 10 and 13-20 under 35 U.S.C. §103(a) over Publication US 2002/0077060 to Lehtikainen et al. ("Lehtikainen") in view of U.S. Patent No. 6,343,317 to Glorikian. Applicants respectfully traverse the rejection.

As discussed during the interview, Lehtikainen does not teach or suggest "a service providing system for associating service with a virtual object having a specified location and a variable shape corresponding to a specified space, for disposing the virtual object in a virtual space associated with an actual space, ... service corresponding to the specified space is provided according to the service information stored in the service device," as recited in claim 1, and as similarly recited in claims 11, 12 and 15-20. Lehtikainen in view of Glorikian would not have rendered obvious such a services providing system.

Even if combined, Lehtikainen and Glorikian do not teach or suggest the implementation to provide a service corresponding to specified space as claimed. As proposed during the interview, claims 1, 11, 12 and 15-20 are amended to recite "a virtual object having a specified location and a variable shape."

At least for the reasons set forth herein and in the June 29 Amendment, claims 1 and 15-20 would not have been rendered obvious by Lehtikainen in view of Glorikian. Claims 2-6, 9, 10, 13 and 14 depend from claim 1, and thus also would not have been rendered obvious

by Lehtikainen in view of Glorikian. Accordingly, reconsideration and withdrawal of the rejection are respectfully requested.

**II. Rejection of Claims 7, 8, 11 and 12**

The Office Action rejects claims 7, 8, 11 and 12 under 5 U.S.C. §103(a) over Lehtikainen in view of Glorikian, and further in view of U.S. Patent No. 6,697,018 to Stewart. Although the Office Action cites in its Notice of References cited (PTO-892) U.S. Patent No. 6,326,918 to Stewart, it is Applicants' belief that the Examiner intended to cite U.S. Patent No. 6,697,018 to Stewart, as recited on page 11 of the Office Action. Applicants respectfully traverse the rejection.

Claims 11 and 12 have been amended, as discussed above.

At least for the reasons set forth above and in the June 29 Amendment, claims 7, 8, 11 and 12 would not have been rendered obvious by Lehtikainen in view of Glorikian, and further in view of Stewart. Accordingly, reconsideration and withdrawal of the rejection are respectfully requested.

**III. Conclusion**

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-20 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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